

Claims

1. A process for collecting bacteria adhered to the intestinal wall of a subject, characterized in that said collection is carried out by means of a colonoscopy through brushes adapted to cell collection.
2. The process according to claim 1, characterized in that said brushes are connected to conventional colonoscopy equipment.
3. The process according to claims 1 or 2, characterized in that said collection is carried out in several intestine segments by means of individual brushes.
4. The process according to claim 3, characterized in that said collection is carried out at least on one of the walls of the distal ileum, right, transverse colon and left colon.
5. The process according to claim 4, characterized in that said collection is carried out on the walls of the distal ileum, right, transverse colon and left colon.
6. The process according to preceding claims, characterized in that the strains collected are cultured and analysed.
7. A process for isolating bacterial strains, comprising collecting said strains according to any preceding claim.
8. Use of probiotic bacteria strains obtained by the process of claims 1 to 7, for preparing medicaments to treat and/or prevent the alterations of the intestinal microflora.
9. Pharmaceutical compositions comprising probiotic bacteria strains obtained by the process of claims 1 to 7, to treat and/or prevent the alterations of the intestinal microflora.
10. A probiotic food comprising probiotic bacteria strains

obtained by the process of claims 1 to 7.